P 251505Z FEB 1970 FEB 25 FM NPIG WASHDC TO RHCOAAA/SAC OFFUTT AFB OMAHA NEB RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB RUCILBA/100TH SRW OL 19 MCCOY AFB FLA RUVRRIA/WRAMA/WRNWA WARNER ROBBINS AFB, GA RUWMODA/100TH SRW DAVIS MONTHAN AFB ARIZ RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND RUEAIIA/CIA WASH DC RUCRJCS/DIA RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF RUEFHQA/HQS USAF

SECRET CITE NPIC 8049.

SAC FOR DIRI, DOSR, DISD, DM4C, DPLC; 100 SRW DAVIS MONTHAN AFB FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1; HQ USAF FOR AFÍGOS, ÁFXOTR; 15TH AF FOR DI, DO, DM4C.

THIS IS A SENIOR CAMP MESSAGE

SUBJECT: EVALUATION OF OLD HEAD TEST MISSION 003

1. BACKGROUND: THIS MISSION S FLOWN TO DETERMINE THE EFFECTS OF CAMERA STABILIZATION TIME ON IMAGE QUALITY. PRESENTLY, THE SENSOR IS AT ALTITUDE FOR AT LEAST TWO HOURS PRIOR TO ACTIVATION. ALL FLIGHT PARAMETERS WERE THE SAME AS AN OPERATIONA MISSION

EXCEPT FOR CAMERA START-UP TIME.

2. MISSION DATA:

- A. OH TEST 003, 29 JAN 70
- IRIS II, 8007
- A/C NO: 339
- STEREO D.
- T/O: 1454, C/ON: 1543
- 3404, W-23A
- MX-819-1, NRTSC G.
- AVG GAMMA: 1.75
- SLIT: 0.095

3. TEST RESULTS: THE IMAGE QUALITY THROUGHOUT THE MISSION IS POOR EXCEPT FOR A SMALL PORTION ACQUIRED AFTER 2 HOURS OF FLIGHT. THE QUALITY OF THIS IMAGERY IS GENERALLY FAIR TO OOOD.

CONCLUSIONS: IT IS RECOMMENDED THAT A TWO HOUR CAMERA STABILIZATION TIME CONTINUE TO BE USED. HOWEVER, WHEN A PRE-CONDITIONING UNIT BECOMES AVAILABLE TO THE PROGRAM ANOTHER TEST SHOULD BE CONDUCTED TO DETERMINE WHETHER THE CAMERA STABILIZ TIME CAN BE REDUCED.

GP-1

SECRET

-- END OF MESSAGE--



